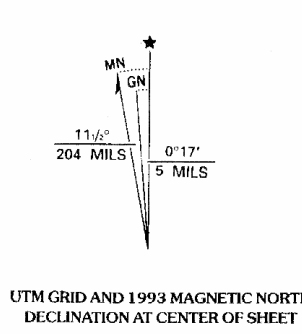
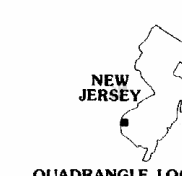


Produced by the United States Geological Survey
Control by USGS and NOS/NOAA
Compiled from aerial photographs taken 1990
Field checked 1992. Map edited 1993
Selected hydrographic data compiled from NOS charts 294 (1966) and 295 (1967). This information is not intended for navigational purposes
North American Datum of 1983 (NAD 83). Projection and 1 000-meter grid: Universal Transverse Mercator, zone 18
2 500-meter ticks: New Jersey Coordinate System of 1983
10 000-foot ticks: Delaware Coordinate System of 1983
1927 North American Datum (NAD 27) is shown by dashed corner ticks
The values of the shift between NAD 83 and NAD 27 for 7.5-minute intersections are given in USGS Bulletin 1875
Gray tint indicates areas in which only landmark buildings are shown
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked



SCALE 1:24 000
KILOMETERS 0 1 2
METERS 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000
MILES 0 1 2
CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29)
(TO CONVERT ELEVATIONS TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, SUBTRACT 1 FOOT)
DEPTH CURVES AND SOUNDINGS IN FEET, DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS 5.6 FEET
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



1	2	3
4	5	6
7	8	

- QUADRANGLE LOCATION
- 1 Wilmington North
 - 2 Marcus Hook
 - 3 Bridgeport
 - 4 Wilmington South
 - 5 Woodstown
 - 6 Delaware City
 - 7 Salem
 - 8 Alloway

ROAD CLASSIFICATION
Primary highway, hard surface Light-duty road, hard or improved surface
Secondary highway, hard surface Unimproved road
Interstate Route U. S. Route State Route

PENNS GROVE, N.J.-DEL.
39075-F4-IT-024
1993



RM123
Approximate river mileage from mouth of Delaware Bay.

TYPE OF EXPLORATION
..... Test Pit
..... Vibracore

SUB-SURFACE EXPLORATIONS
DELAWARE RIVER & VICINITY

PENNS GROVE
039075-F4